

## ABSTRACT OF THE DISCLOSURE

The remote monitoring system is provided in the form of an absence of water sensor having an output connected by a signal wire pair to an alarm signal input of a Cellemetry® device that is powered through a second wire pair by an external power source. The sensor is positioned in an outlet of an irrigation pump for sensing the presence and absence of water in the pump outlet and producing alarm signals indicating the presence or absence of water at the pump outlet. Upon receipt of the alarm signals, the Cellemetry® device transmits a programmable message concerning the status and location of the pump directly to a farmer's pager, cell phone or e-mail address at a remote location via the Cellemetry® wireless data communications network.